

WHAT IS CLAIMED IS:

1. A lift apparatus for supporting motorcycles and small vehicles comprising:
a ground engaging base frame having a pair of spaced apart upwardly extending posts
5 and a pair of generally horizontally extending legs, said legs each having an
inner end adjacent one of said posts and an outer end, said leg inner ends being
spaced a first predetermined distance apart and said leg outer ends being spaced
a second predetermined distance apart greater than said first predetermined
distance;
10 a pair of parallelogram linkages, each said linkage having an upper link, a lower link
extending generally parallel to said upper link, an outer link, and an inner link
formed by a portion of an associated one of said posts, said upper link being
connected by first and second pivot means to said inner and outer links
respectively, said lower link being connected by third and fourth pivot means to
15 said inner and outer links respectively;
a vehicle support means attached to said outer links; and
an actuator means having a lower end pivotally connected to said base frame and an
upper end pivotally connected to said lower links whereby extension of said
actuator means raises said vehicle support means between a lowered position
20 for engaging and disengaging from a vehicle and a fully raised position.

2. The lift apparatus according to claim 1 wherein said first through fourth pivot
means each include an axle about which at least one of said links pivots.

25 3. The lift apparatus according to claim 1 wherein said base frame includes a pair of
ground engaging caster assemblies and said legs each have a ground engaging roller assembly
attached to said outer end thereof.

4. The lift apparatus according to claim 1 wherein said vehicle support means
30 includes a pair of spaced apart support arms.

5. The lift apparatus according to claim 4 including padding attached to a load supporting surface of said support arms.

6. The lift apparatus according to claim 1 including a handle attached to an upper end of said each of said posts.

7. The lift apparatus according to claim 1 wherein said actuator means is a manually actuated hydraulic actuator.

10 8. A lift apparatus for supporting motorcycles and small vehicles comprising:
a ground engaging base frame having a generally horizontally extending central beam
with a generally vertically extending intermediate beam attached at each end
thereof, each said intermediate beam having an upper end with a generally
horizontally extending end beam attached thereto, a pair of spaced apart
15 upwardly extending posts and a pair of generally horizontally extending legs,
said legs each having an inner end adjacent one of said posts and an outer end,
said leg inner ends being spaced a first predetermined distance apart and said
leg outer ends being spaced a second predetermined distance apart greater than
said first predetermined distance;
20 a pair of parallelogram linkages, each said linkage having an upper link, a lower link
extending generally parallel to said upper link, an outer link, and an inner link
formed by a portion of an associated one of said posts, said upper link being
connected by first and second pivot means to said inner and outer links
respectively, said lower link being connected by third and fourth pivot means to
25 said inner and outer links respectively;
a vehicle support means attached to said outer links; and
an actuator means having a lower end pivotally connected to said base frame and an
upper end pivotally connected to said lower links whereby extension of said
actuator means raises said vehicle support means between a lowered position
30 for engaging and disengaging from a vehicle and a fully raised position.

9. The lift apparatus according to claim 8 wherein said first through fourth pivot means each include an axle about which at least one of said links pivots.

5 10. The lift apparatus according to claim 8 wherein said base frame includes a pair of ground engaging caster assemblies each attached to an outer end of an associated one of said end beams.

10 11. The lift apparatus according to claim 8 wherein said legs each have a ground engaging roller assembly attached to said outer end thereof.

12. The lift apparatus according to claim 8 wherein said vehicle support means includes a pair of spaced apart support arms.

15 13. The lift apparatus according to claim 12 including padding attached to a load supporting surface of said support arms.

14. The lift apparatus according to claim 8 including a handle attached to an upper end of said each of said posts.

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15. The lift apparatus according to claim 8 wherein said actuator means is a manually actuated hydraulic actuator.